

**GOLF CLUB HEAD HAVING INTERNAL FINS FOR RESISTING
STRUCTURAL DEFORMATION AND MECHANICAL SHOCKWAVE
MIGRATION**

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ABSTRACT OF THE DISCLOSURE

An improved golf club head has at least one fin, rib or arch extending
10 inside the club head structure and varying in height. The fins run along the inside
of the club head perimeter structure. The fins are perpendicular to the face
resulting in stiffening and strengthening of the club head, thereby resisting
structural deformation and mechanical shockwave migration that occurs upon
impact with the golf ball. The fins traverse the length or a portion of the length of
15 the club head along an internal perimeter. The fins are incorporated on either the
crown and/or the sole, but can be added to other portions of the club head, such
as the skirt or club face should additional stiffening and strengthening be desired.
The fins, can vary in size and shape and location depending on the desired
stiffness and on the size, shape and material of the club head.

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